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00427116   Pira Acc. Num.: 20040194
Title: FOUR AUDIO DISTRIBUTION OPTIONS IN THE NEWS
Authors: Anon
Source: Electron. Doc. vol. 4, no. 9, Sept 1995, pp 20-22
ISSN: 0965-2035
Publication Year: 1995
Document Type: Journal Article
Language: English
Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor
(PU)
Journal Announcement: 9601

Abstract: Developments involved in audio for shared data over
conventional telephone systems and documents over the Internet are
described. PictureTel International has introduced LiveTalk a Windows based
simultaneous voice and data sharing package which works over analogue
telephone lines. LiveTalk can run on a PC 486 and above with a soundboard
and modem. RealAudio System from Progressive Networks enables suitable
equipped PCs to play a compressed audio file as it is downloaded from the
Internet. This system could be used to distribute corporate information
worldwide. Internet Phone (I-Phone) software from Vocaltec enables real
time telephone connections over the Internet for the cost of a local call.
Some Internet providers are worried about the vast amounts of bandwidths
used. Octel Communications has introduced OcteLink which can transport
messages to and from any voice mail system.
Company Names: OCTEL COMMUNICATIONS; PICTURETEL
INTERNATIONAL;
PROGRESSIVE NETWORKS; VOCALTEC
Trade Names: INTERNET; INTERNET PHONE; LIVETALK; OCTELINK;
REALAUDIO
Geographic Locations: EUROPE; UNITED KINGDOM
Geographic Codes: EU; EZUKM
Descriptors: NEW SOFTWARE; NEW TECHNOLOGY;
TELECOMMUNICATION
Section Headings: Networks (8081)

00465746   Pira Acc. Num.: 20068668
 Title: RealAudio client 3.0
 Authors: Smith J
 Source: MacUser vol. 12, no. 22, 25 Oct. 1996, p. 72
 ISSN: 0269-3275
 Publication Year: 1996
 Document Type: Journal Article
 Language: English
 Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor
(PU)
 Journal Announcement: 9702

 Abstract: A product review is presented of a new software program for
playing realtime sound over the Internet. RealAudio client 3.0 from
Progressive Networks is considered to be a much improved version of
RealAudio, which offers improved sound quality and better caching. The new
software lets the user listen to live sound over the Internet, and does not
require the whole file to download before playing the sound. The features
of RealAudio are described, and the new features of the freeware client and
the commercial version are examined. The benefits of the new caching
technology are discussed, and the advantages and the shortcomings of the
new software are highlighted. Suitable applications for RealAudio client
3.0 are mentioned. (2 fig)
 Company Names: Progressive Networks
 Trade Names: RealAudio client
 Descriptors: AUDIO; INTERNET; NEW SOFTWARE; PRODUCT REVIEW
 Section Headings: Electronic Media (8690)

00411225   Pira Acc. Num.: 20032161
 Title: REAL PROGRESS: THE INTERNET AS INFORMATION UTILITY
 Authors: Ratcliffe M
 Source: Digital Media vol. 4, no. 12, 10 May 1995, pp 19-22
 ISSN: 1056-7038
 Publication Year: 1995
 Document Type: Journal Article
 Language: English
 Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor
(PU)
 Journal Announcement: 9509

Abstract: Two new technologies, RealAudio from Progressive Networks and
HotJava from Sun Microsystems, look set to turn the Internet into a
practical and useful flow of information and entertainment for ordinary
people. RealAudio is a tool for producing, distributing and listening to
on-demand audio clips. It provides streaming audio for 14.4kbps or faster
modems and network connections and allows network and multimedia
scripting
commands to be embedded in the sound. Audio-visual tours of a subject can
be created. HotJava is a new programming tool, with a new language called
Java, enabling creation of interactions based on a set of rules so that
software acts differently for each consumer. The business strategy and
technology of both products are explored.
 Company Names: PROGRESSIVE NETWORKS; SUN MICROSYSTEMS
 Trade Names: HOTJAVA; INTERNET; REALAUDIO
 Descriptors: NETWORK; NEW PRODUCT

5244079 INSPEC Abstract Number: B9606-0120-002, C9606-7810C-006
Title: Digital audio and disabled learners
Author(s): Vincent, T.
Author Affiliation: Inst. of Educ. Technol., Open Univ., Milton Keynes, UK
Journal: Innovations in Education and Training International vol.33, no.1 p.66-7
Publisher: Kogan Page,
Publication Date: Feb. 1996 Country of Publication: UK
CODEN: IETIF4 ISSN: 1355-8005
SICI: 1355-8005(199602)33:1L.66:DADL;1-B
Material Identity Number: D002-96002
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: A commonly used medium for print-disabled students is audio tape. A more recent development has been the use of the Internet for providing access to digital audio. The Open University is currently collaborating with Progressive Networks who have developed encoding and distribution methods for the World Wide Web (WWW). Access to audio files is provided by a RealAudio player. Files are selected by links from the WWW text pages in a similar way to links to other pages and images. A key feature of the RealAudio technology is that the audio can be listened to in near real-time. The highly compressed audio files are transmitted via the Internet. The player provides a 10 second buffer to accommodate fluctuations in transmission rate. In practice, this leads to a small delay before the commencement of the audio playback but, thereafter, the audio is continuous. The player also provides a means of moving almost instantly anywhere within the audio stream, regardless of the length of the total playing time. Methods are now being developed to integrate the player into alternative access structures. (4 Refs)

Descriptors: digital audio broadcasting; digital communication; educational technology; handicapped aids; Internet; real-time systems; telecommunication computing

Identifiers: digital audio; disabled learners; print-disabled students; Internet; Progressive Networks; encoding methods; distribution methods; World Wide Web; audio file access; RealAudio player; text page links; near real-time system; compressed audio files; buffer; transmission rate fluctuations; delay; continuous audio playback; audio stream; playing time; access structures; 10 s

Class Codes: B0120 (Education and training); B6210Z (Other data transmission); B7520H (Aids for the handicapped); B6210L (Computer communications); C7810C (Computer-aided instruction); C7850 (Computer assistance for persons with handicaps); C5620W (Other computer networks); C7410F (Communications computing)

Numerical Indexing: time 1.0E+01 s

01119103   CMP ACCESSION NUMBER: CRN19970224S0068
Realvideo unveiled (Weekly Briefs)
COMPUTER RESELLER NEWS, 1997, n 724, PG69
PUBLICATION DATE: 970224
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Emerging Technologies - New Opportunities In Platforms,
   Systems & Software
WORD COUNT: 40
TEXT:
   Progressive Networks Inc., Seattle, unveiled a technology called
Realvideo, which allows video images to be transmitted over standard
telephone lines and high-speed communications lines. Major media
companies
announced their support of the technology.